#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15327 Method GC

Analyst Name Abraham, Dhanya

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1162	0.210	0.0	0.210	0.0
Initial	В	1267	0.107	0.5	0.108	1.0
Initial	С	1368	0.142	-0.3	0.145	0.7
Initial	D	1462	0.078	2.0	0.079	2.5
Initial	E	1506	0.086	1.0	0.087	1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Rang N 1st Iter 2nd Iter	
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15336 Method GC

Analyst Name <u>Dinwoodie</u>, Allison

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1139	0.210	0.0	0.208	-0.7
Initial	В	1257	0.106	0.0	0.105	-0.5
Initial	С	1366	0.145	0.7	0.143	0.0
Initial	D	1443	0.075	0.5	0.072	-1.0
Initial	E	1507	0.085	0.5	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15328 Method GC

Analyst Name Geisbert (HS111), William

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1132	0.210	0.0	0.211	0.3
Initial	В	1209	0.108	1.0	0.108	1.0
Initial	С	1363	0.145	0.7	0.145	0.7
Initial	D	1429	0.076	1.0	0.076	1.0
Initial	E	1543	0.086	1.0	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
А	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
Е	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15320 Method GC

Analyst Name Harvan, Michael

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1165	0.208	-0.7	0.210	0.0
Initial	В	1216	0.103	-1.5	0.106	0.0
Initial	С	1319	0.140	-1.0	0.142	-0.3
Initial	D	1465	0.074	0.0	0.075	0.5
Initial	E	1558	0.081	-1.5	0.082	-1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15329 Method GC

Analyst Name Huene (HS111), Lauren

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1133	0.209	-0.3	0.210	0.0
Initial	В	1238	0.107	0.5	0.107	0.5
Initial	С	1317	0.143	0.0	0.143	0.0
Initial	D	1412	0.075	0.5	0.075	0.5
Initial	E	1523	0.084	0.0	0.085	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Range 1st Iter 2nd Iter	
A	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15330 Method GC

Analyst Name Leifheit (HS111), Nicole

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1157	0.211	0.3	0.211	0.3
Initial	В	1228	0.108	1.0	0.108	1.0
Initial	С	1364	0.144	0.3	0.145	0.7
Initial	D	1412	0.076	1.0	0.077	1.5
Initial	E	1523	0.086	1.0	0.089	2.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Rang N 1st Iter 2nd Iter	
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15331 Method GC

Analyst Name Mongomery (HS111), Lisa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Initial	Α	1122	0.219	3.0	0.212	0.7
Initial	В	1219	0.108	1.0	0.108	1.0
Initial	С	1343	0.144	0.3	0.151	2.7
Initial	D	1418	0.076	1.0	0.076	1.0
Initial	E	1514	0.087	1.5	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
Е	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15332 Method GC

Analyst Name Rothrock (HS111), Tashiana

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1112	0.210	0.0	0.210	0.0
Initial	В	1208	0.107	0.5	0.107	0.5
Initial	С	1363	0.144	0.3	0.144	0.3
Initial	D	1439	0.074	0.0	0.074	0.0
Initial	E	1513	0.084	0.0	0.085	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15337 Method GC

Analyst Name Russo, Joseph

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1153	0.207	-1.0	0.206	-1.3
Initial	В	1247	0.104	-1.0	0.105	-0.5
Initial	С	1367	0.142	-0.3	0.141	-0.7
Initial	D	1408	0.074	0.0	0.074	0.0
Initial	E	1519	0.083	-0.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15322 Method GC

Analyst Name Scharer, Courtney

#### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1141	0.208	-0.7	0.208	-0.7
Initial	В	1224	0.103	-1.5	0.103	-1.5
Initial	С	1315	0.142	-0.3	0.141	-0.7
Initial	D	1446	0.072	-1.0	0.072	-1.0
Initial	E	1549	0.083	-0.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15333 Method GC

Analyst Name Scott (HS111), Tyler

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1127	0.211	0.3	0.211	0.3
Initial	В	1248	0.108	1.0	0.108	1.0
Initial	С	1358	0.144	0.3	0.145	0.7
Initial	D	1432	0.076	1.0	0.076	1.0
Initial	E	1550	0.086	1.0	0.087	1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15281 Method GC

Analyst Name Tarlo, Olivia

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1125	0.205	-1.7	0.204	<b>-</b> 2.0
Initial	В	1202	0.103	-1.5	0.103	-1.5
Initial	С	1359	0.143	0.0	0.140	-1.0
Initial	D	1456	0.071	-1.5	0.071	-1.5
Initial	E	1539	0.083	-0.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
Е	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15155 Method GC

Analyst Name <u>Titko, Justine</u>

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1168	0.207	-1.0	0.210	0.0
Initial	В	1203	0.104	-1.0	0.104	-1.0
Initial	С	1324	0.140	-1.0	0.141	-0.7
Initial	D	1448	0.071	-1.5	0.072	-1.0
Initial	E	1522	0.085	0.5	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15339 Method GC

Analyst Name Watts, Hannah

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1147	0.206	-1.3	0.207	-1.0
Initial	В	1221	0.104	-1.0	0.102	-2.0
Initial	С	1357	0.140	-1.0	0.140	-1.0
Initial	D	1464	0.072	-1.0	0.072	-1.0
Initial	E	1555	0.082	-1.0	0.081	-1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15334 Method GC

Analyst Name Waugaman (HS111), Ashley

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1102	0.211	0.3	0.212	0.7
Initial	В	1239	0.109	1.5	0.109	1.5
Initial	С	1327	0.144	0.3	0.146	1.0
Initial	D	1442	0.076	1.0	0.076	1.0
Initial	E	1515	0.086	1.0	0.087	1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15335 Method GC

Analyst Name Wells (HS111), Crystal

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1158	0.211	0.3	0.212	0.7
Initial	В	1253	0.108	1.0	0.108	1.0
Initial	С	1339	0.145	0.7	0.145	0.7
Initial	D	1414	0.075	0.5	0.076	1.0
Initial	E	1530	0.086	1.0	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15338 Method GC

Analyst Name West, Jessica

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1156	0.209	-0.3	0.210	0.0
Initial	В	1212	0.106	0.0	0.107	0.5
Initial	С	1356	0.143	0.0	0.144	0.3
Initial	D	1454	0.075	0.5	0.076	1.0
Initial	E	1559	0.083	-0.5	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.226	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15218 Method GC

Analyst Name Adams, Susan

#### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1361	0.144	0.3	0.145	0.7
Initial	D	1461	0.083	4.5	0.079	2.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 7/10/2020 Participation Number 15218 Method GC

Analyst Name Adams, Susan

Your 20C1 proficiency test outcome is: Satisfactory - This report supercedes all other reports for this proficiency cycle

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Re-Test	Α	1113	0.213	1.0	0.212	0.7
Re-Test	В	1255	0.107	0.5	0.105	-0.5
Re-Test	С	1335	0.142	-0.3	0.142	-0.3
Re-Test	D	1425	0.075	0.5	0.074	0.0
Re-Test	E	1528	0.084	0.0	0.083	-0.5

#### Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
	Ellint	Liiiii	(/tvorage/	501	- ''	100 1001	Ziid itoi
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15075 Method GC

Analyst Name Allard, Roger

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1205	0.102	-2.0	0.102	-2.0
Initial	E	1526	0.081	-1.5	0.080	-2.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15097 Method GC

Analyst Name Anderson, Carla

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1145	0.208	-0.7	0.208	-0.7
Initial	D	1435	0.076	1.0	0.075	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15171 Method GC

Analyst Name Baldwin, Jacquelyn

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1360	0.140	-47.7	0.145	-47.7
Initial	E	1537	0.086	-42.0	0.089	-42.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15280 Method GC

Analyst Name Barbe, Stephanie

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1215	0.106	0.0	0.106	0.0
Initial	С	1348	0.144	0.3	0.142	-0.3

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15090 Method GC

Analyst Name Boland, Diane

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1224	0.104	-1.0	0.103	-1.5
Initial	E	1536	0.081	-1.5	0.082	-1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15215 Method GC

Analyst Name Carey, Regina

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1104	0.220	3.3	0.224	4.7
Initial	В	1260	0.109	1.5	0.113	3.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 7/10/2020 Participation Number 15215 Method GC

Analyst Name Carey, Regina

Your 20C1 proficiency test outcome is: Satisfactory - This report supercedes all other reports for this proficiency cycle

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Re-Test	Α	1144	0.214	1.3	0.215	1.7
Re-Test	В	1233	0.106	0.0	0.106	0.0
Re-Test	С	1345	0.144	0.3	0.144	0.3
Re-Test	D	1438	0.074	0.0	0.073	-0.5
Re-Test	E	1529	0.081	-1.5	0.080	-2.0

#### Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 0 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
Е	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15253 Method GC

Analyst Name Carswell, Katheryn

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1365	0.145	0.7	0.146	1.0
Initial	E	1531	0.084	0.0	0.085	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15286 Method GC

Analyst Name Catlin (Rev. 1), Tara

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1311	0.144	0.3	0.144	0.3
Initial	E	1505	0.084	0.0	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15287 Method GC

Analyst Name Chin (Rev. 1), Jenna

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1130	0.213	1.0	0.210	0.0
Initial	С	1334	0.143	0.0	0.143	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15239 Method GC

Analyst Name Finkelstein, Marissa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1265	0.103	-1.5	0.103	-1.5
Initial	D	1430	0.073	-0.5	0.072	-1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15314 Method GC

Analyst Name Geisbert (HS110), William

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1250	0.107	0.5	0.107	0.5
Initial	E	1564	0.085	0.5	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15240 Method GC

Analyst Name Giachetti, Alexander

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1166	0.205	-1.7	0.204	-2.0
Initial	В	1266	0.104	-1.0	0.103	-1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15277 Method GC

Analyst Name Gilton (Rev. 1), Kelsey

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1350	0.145	0.7	0.146	1.0
Initial	D	1445	0.074	0.0	0.075	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15194 Method GC

Analyst Name Gonyea, Jennifer

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1231	0.103	-1.5	0.103	-1.5
Initial	D	1460	0.071	-1.5	0.071	-1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15241 Method GC

Analyst Name Gottal, Josephine

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1261	0.105	-0.5	0.103	-1.5
Initial	D	1459	0.073	-0.5	0.073	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15039 Method GC

Analyst Name Hime, George

### Your 20C1 proficiency test outcome is: Unsatisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1164	0.000	-70.0	0.000	-70.0
Initial	Е	1563	0.000	-42.0	0.000	-42.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15191 Method GC

Analyst Name Huene (HS110), Lauren

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1262	0.105	-0.5	0.106	0.0
Initial	С	1349	0.142	-0.3	0.142	-0.3

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15202 Method GC

Analyst Name Humphrey, Susan

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1338	0.136	-2.3	0.137	-2.0
Initial	Е	1535	0.080	-2.0	0.080	-2.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 12129 Method GC

Analyst Name Jacobs (2.0.17r2), Monica

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1230	0.107	0.5	0.106	0.0
Initial	D	1450	0.074	0.0	0.074	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15298 Method GC

Analyst Name Jacobs (2.0.34r1), Monica

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1129	0.211	0.3	0.210	0.0
Initial	E	1545	0.085	0.5	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15149 Method GC

Analyst Name Kahl, Joseph

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	D	1434	0.071	-1.5	0.071	-1.5
Initial	Е	1546	0.080	-2.0	0.080	-2.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15279 Method GC

Analyst Name Kahl (2.0.17r2), Kristin

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1204	0.105	-0.5	0.108	1.0
Initial	С	1301	0.141	-0.7	0.144	0.3

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15297 Method GC

Analyst Name Kahl (2.0.34r1), Kristin

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	D	1431	0.073	-0.5	0.072	-1.0
Initial	E	1501	0.079	-2.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15270 Method GC

Analyst Name Kamandulis (AA-6r1), Linet

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1124	0.210	0.0	0.209	-0.3
Initial	Е	1553	0.084	0.0	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15197 Method GC

Analyst Name Kamandulis (AA-7r1), Linet

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1201	0.106	0.0	0.106	0.0
Initial	С	1331	0.143	0.0	0.143	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15278 Method GC

Analyst Name Kudrysch (Rev. 1), John

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1140	0.216	2.0	0.217	2.3
Initial	D	1467	0.077	1.5	0.077	1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15181 Method GC

Analyst Name Kunsman, Gary

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1362	0.146	1.0	0.145	0.7
Initial	E	1525	0.086	1.0	0.090	3.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15278 Method GC

Analyst Name Leifheit (HS110), Nicole

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1160	0.212	0.7	0.212	0.7
Initial	Е	1551	0.086	1.0	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15269 Method GC

Analyst Name Lewis (AA-6r1), Jennifer

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1120	0.209	-0.3	0.209	-0.3
Initial	В	1264	0.107	0.5	0.106	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15195 Method GC

Analyst Name Lewis (AA-7r1), Jennifer

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1302	0.143	0.0	0.143	0.0
Initial	Е	1532	0.083	-0.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15125 Method GC

Analyst Name Maragh, Sharin

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1149	0.207	-1.0	0.208	-0.7
Initial	В	1240	0.107	0.5	0.108	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15216 Method GC

Analyst Name Mark, Amy

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1312	0.146	1.0	0.147	1.3
Initial	E	1511	0.086	1.0	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15266 Method GC

Analyst Name Mazek (AA-6r1), Kathleen

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1323	0.143	0.0	0.143	0.0
Initial	E	1541	0.084	0.0	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15064 Method GC

Analyst Name Mazek (AA-7r1), Kathleen

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1251	0.106	0.0	0.106	0.0
Initial	D	1449	0.075	0.5	0.074	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15188 Method GC

Analyst Name McKee, Stacy

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1340	0.145	0.7	0.147	1.3
Initial	E	1521	0.086	1.0	0.085	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15201 Method GC

Analyst Name Miller, Russell

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1167	0.211	0.3	0.210	0.0
Initial	D	1466	0.076	1.0	0.075	0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15274 Method GC

Analyst Name Miller (AA-6r1), Mattheu

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1110	0.208	-0.7	0.209	-0.3
Initial	В	1206	0.106	0.0	0.105	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15254 Method GC

Analyst Name Miller (AA-7r1), Mattheu

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	D	1451	0.074	0.0	0.074	0.0
Initial	E	1524	0.083	-0.5	0.083	-0.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15147 Method GC

Analyst Name Montgomery (HS110), Lisa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1263	0.108	1.0	0.108	1.0
Initial	Е	1512	0.086	1.0	0.086	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15278 Method GC

Analyst Name Mulder, Savanna

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1115	0.212	0.7	0.212	0.7
Initial	В	1223	0.107	0.5	0.108	1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15317 Method GC

Analyst Name Nguyen, Bryan

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1111	0.215	1.7	0.213	1.0
Initial	E	1504	0.084	0.0	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15273 Method GC

Analyst Name Pacheco (AA-6r1), Jamie

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1207	0.107	0.5	0.107	0.5
Initial	С	1310	0.144	0.3	0.143	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15235 Method GC

Analyst Name Pacheco (AA-7r1), Jamie

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1107	0.208	-0.7	0.208	-0.7
Initial	Е	1509	0.084	0.0	0.084	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15224 Method GC

Analyst Name Patel, Minakshi

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1259	0.107	0.5	0.109	1.5
Initial	D	1458	0.083	4.5	0.077	1.5

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 7/10/2020 Participation Number 15224 Method GC

Analyst Name Patel, Minakshi

Your 20C1 proficiency test outcome is: Satisfactory - This report supercedes all other reports for this proficiency cycle

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Re-Test	Α	1108	0.210	0.0	0.209	-0.3
Re-Test	В	1213	0.106	0.0	0.106	0.0
Re-Test	С	1318	0.143	0.0	0.141	-0.7
Re-Test	D	1417	0.073	-0.5	0.074	0.0
Re-Test	E	1540	0.085	0.5	0.084	0.0

#### Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15176 Method GC

Analyst Name Raymonvil, Wilsa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1321	0.137	-2.0	0.136	-2.3
Initial	E	1502	0.080	-2.0	0.080	-2.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15126 Method GC

Analyst Name Reidy (2.0.17r2), Lisa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1135	0.211	0.3	0.209	-0.3
Initial	В	1241	0.106	0.0	0.106	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15299 Method GC

Analyst Name Reidy (2.0.34r1), Lisa

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1351	0.143	0.0	0.144	0.3
Initial	D	1410	0.073	-0.5	0.072	-1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15265 Method GC

Analyst Name Rothrock (HS110), Tashiana

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1237	0.107	0.5	0.106	0.0
Initial	С	1314	0.143	0.0	0.143	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15312 Method GC

Analyst Name Samuel, Jacob

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1220	0.104	-1.0	0.104	-1.0
Initial	D	1404	0.073	-0.5	0.072	-1.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15271 Method GC

Analyst Name Sanders (AA-6r1), Leeona

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1131	0.208	-0.7	0.208	-0.7
Initial	С	1305	0.142	-0.3	0.142	-0.3

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15204 Method GC

Analyst Name Sanders (AA-7r1), Leeona

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1232	0.104	-1.0	0.104	-1.0
Initial	D	1452	0.074	0.0	0.074	0.0

#### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15233 Method GC

Analyst Name Scott (HS110), Tyler

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1151	0.212	0.7	0.212	0.7
Initial	D	1424	0.076	1.0	0.076	1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15121 Method GC

Analyst Name Shan, Xiaoqin

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1161	0.210	0.0	0.211	0.3
Initial	В	1268	0.107	0.5	0.107	0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15227 Method GC

Analyst Name Shanks (2.0.17r2), Christopher

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	D	1428	0.075	0.5	0.075	0.5
Initial	E	1568	0.084	0.0	0.084	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15301 Method GC

Analyst Name Shanks (2.0.34r1), Christopher

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1152	0.209	-0.3	0.209	-0.3
Initial	В	1258	0.108	1.0	0.107	0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15268 Method GC

Analyst Name Shaw (AA-6r1), Kristie

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1342	0.143	0.0	0.143	0.0
Initial	D	1420	0.074	0.0	0.074	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15173 Method GC

Analyst Name Shaw (AA-7r1), Kristie

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1249	0.105	-0.5	0.106	0.0
Initial	Е	1520	0.083	-0.5	0.083	-0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15193 Method GC

Analyst Name Shoff, Elisa

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1355	0.139	-1.3	0.141	-0.7
Initial	Е	1552	0.082	-1.0	0.082	-1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15247 Method GC

Analyst Name Smith, Trisha

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1121	0.218	2.7	0.220	3.3
Initial	D	1409	0.076	1.0	0.076	1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15122 Method GC

Analyst Name <u>Tiscione</u>, Nicholas

### Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1352	0.144	0.3	0.144	0.3
Initial	Е	1516	0.085	0.5	0.085	0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

 $Z\ score\ is\ your\ reported\ analytical\ result\ compared\ to\ the\ mean\ in\ terms\ of\ the\ standard\ deviation,\ calculated\ as\ (Result-Mean)/StdDev.$ 

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15060 Method GC

Analyst Name Toth, Mary Lou

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1353	0.141	-0.7	0.145	0.7
Initial	D	1441	0.077	1.5	0.080	3.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15223 Method GC

Analyst Name Troescher, Lisa

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	D	1436	0.083	4.5	0.086	6.0
Initial	Е	1538	0.094	5.0	0.100	8.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle <u>20C1</u> Receive Results By: <u>7/10/2020</u> Participation Number <u>15223</u> Method <u>GC</u>

Analyst Name <u>Troescher, Lisa</u>

Your 20C1 proficiency test outcome is: Satisfactory - This report supercedes all other reports for this proficiency cycle

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Re-Test	Α	1106	0.212	0.7	0.212	0.7
Re-Test	В	1243	0.107	0.5	0.109	1.5
Re-Test	С	1328	0.144	0.3	0.147	1.3
Re-Test	D	1406	0.075	0.5	0.071	-1.5
Re-Test	E	1518	0.084	0.0	0.083	-0.5

### Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15267 Method GC

Analyst Name Warner (AA-6r1), Ryan

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1326	0.143	0.0	0.144	0.3
Initial	D	1423	0.075	0.5	0.074	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15051 Method GC

Analyst Name Warner (AA-7r1), Ryan

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1101	0.209	-0.3	0.209	-0.3
Initial	E	1534	0.084	0.0	0.084	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15316 Method GC

Analyst Name Waugaman (HS110), Ashley

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1155	0.212	0.7	0.212	0.7
Initial	Е	1533	0.086	1.0	0.086	1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15230 Method GC

Analyst Name Wells (HS110), Crystal

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1117	0.212	0.7	0.212	0.7
Initial	D	1457	0.075	0.5	0.075	0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15325 Method GC

Analyst Name Wright, Deborah

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	В	1229	0.106	0.0	0.107	0.5
Initial	Е	1508	0.092	4.0	0.095	5.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY RE-TEST OUTCOME REPORT

Proficiency Cycle <u>20C1</u> Receive Results By: <u>7/10/2020</u> Participation Number <u>15325</u> Method <u>GC</u>

Analyst Name Wright, Deborah

Your 20C1 proficiency test outcome is: Satisfactory - This report supercedes all other reports for this proficiency cycle

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type	Level	Vial	Results #1	#1 Z	Results #2	#2 Z
Test	ID	Number	Reported (g/dL)	Score	Reported (g/dL)	Score
Re-Test	Α	1116	0.214	1.3	0.210	0.0
Re-Test	В	1235	0.107	0.5	0.107	0.5
Re-Test	С	1346	0.143	0.0	0.141	-0.7
Re-Test	D	1416	0.073	-0.5	0.073	-0.5
Re-Test	С	1309	0.143	29.5	0.144	30.0

### Proficiency Cycle Statistics

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15040 Method GC

Analyst Name Zaney, Mary Elizabeth

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1307	0.140	-1.0	0.138	-1.7
Initial	D	1463	0.073	-0.5	0.073	-0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15272 Method GC

Analyst Name Zumaeta (AA-6r1), Edward

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1142	0.208	-0.7	0.208	-0.7
Initial	В	1210	0.107	0.5	0.106	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15206 Method GC

Analyst Name Zumaeta (AA-7r1), Edward

### Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviation and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts with Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	С	1336	0.143	0.0	0.143	0.0
Initial	D	1411	0.075	0.5	0.074	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number 1st Iter	Out of Range 2nd Iter
А	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15002 Method GC

Your 20C1 proficiency test outcome is: Unsatisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1109	0.239	9.7	0.230	6.7
Initial	В	1252	0.114	4.0	0.114	4.0
Initial	С	1330	0.155	4.0	0.150	2.3
Initial	D	1401	0.086	6.0	0.079	2.5
Initial	E	1562	0.086	1.0	0.088	2.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15003 Method GC

Analyst Name Centre of Forensic Sciences-Toronto

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1163	0.204	-2.0	0.205	-1.7
Initial	В	1225	0.104	-1.0	0.101	-2.5
Initial	С	1329	0.137	-2.0	0.137	-2.0
Initial	D	1421	0.070	-2.0	0.070	-2.0
Initial	Е	1562	0.080	-2.0	0.082	-1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15005 Method GC

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1128	0.209	-0.3	0.208	-0.7
Initial	В	1218	0.106	0.0	0.105	-0.5
Initial	С	1347	0.141	-0.7	0.140	-1.0
Initial	D	1427	0.073	-0.5	0.073	-0.5
Initial	E	1544	0.081	-1.5	0.081	-1.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Rang N 1st Iter 2nd Iter	
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15007 Method GC

Analyst Name Hennepin County Medical Center

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1136	0.211	0.3	0.211	0.3
Initial	В	1211	0.105	-0.5	0.105	-0.5
Initial	С	1354	0.146	1.0	0.145	0.7
Initial	D	1406	0.076	1.0	0.075	0.5
Initial	Е	1565	0.084	0.0	0.084	0.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15009 Method GC

Analyst Name Office of Attorney General-North Dakota

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1154	0.212	0.7	0.207	-1.0
Initial	В	1256	0.105	-0.5	0.105	-0.5
Initial	С	1333	0.141	-0.7	0.141	-0.7
Initial	D	1455	0.073	-0.5	0.073	-0.5
Initial	E	1566	0.082	-1.0	0.082	-1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15010 Method GC

Analyst Name Pennsylvania Department of Health

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1146	0.217	2.3	0.218	2.7
Initial	В	1227	0.111	2.5	0.113	3.5
Initial	С	1303	0.149	2.0	0.148	1.7
Initial	D	1403	0.078	2.0	0.079	2.5
Initial	E	1556	0.089	2.5	0.087	1.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15016 Method GC

Analyst Name RCMP Forensic Laboratory- Surrey

Your 20C1 proficiency test outcome is: Satisfactory

### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1143	0.000	-70.0	0.000	-70.0
Initial	В	1234	0.000	-53.0	0.000	-53.0
Initial	С	1325	0.000	-47.7	0.000	-47.7
Initial	D	1402	0.000	-37.0	0.000	-37.0
Initial	E	1567	0.000	-42.0	0.000	-42.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
Α	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15017 Method GC

Analyst Name RCMP Forensic Laboratory- Surrey

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1137	0.000	-70.0	0.000	-70.0
Initial	В	1226	0.000	-53.0	0.000	-53.0
Initial	С	1313	0.000	-47.7	0.000	-47.7
Initial	D	1405	0.000	-37.0	0.000	-37.0
Initial	E	1547	0.000	-42.0	0.000	-42.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15019 Method GC

Analyst Name RCMP Forensic Laboratory -Ottawa

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1123	0.211	0.3	0.211	0.3
Initial	В	1214	0.105	-0.5	0.105	-0.5
Initial	С	1316	0.143	0.0	0.143	0.0
Initial	D	1413	0.073	-0.5	0.073	-0.5
Initial	E	1517	0.083	-0.5	0.082	-1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number Out of Ran N 1st Iter 2nd Iter	
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15115 Method GC

Analyst Name RCMP Forensic Laboratory- Surrey

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1119	0.000	-70.0	0.000	-70.0
Initial	В	1236	0.000	-53.0	0.000	-53.0
Initial	С	1304	0.000	-47.7	0.000	-47.7
Initial	D	1419	0.000	-37.0	0.000	-37.0
Initial	E	1527	0.000	-42.0	0.000	-42.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle <u>20C1</u> Receive Results By: <u>6/5/2020</u> Participation Number <u>15177</u> Method <u>GC</u>

Analyst Name RCMP Forensic Laboratory- Edmonton

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1105	0.209	-0.3	0.209	-0.3
Initial	В	1217	0.106	0.0	0.106	0.0
Initial	С	1344	0.142	-0.3	0.143	0.0
Initial	D	1433	0.073	-0.5	0.073	-0.5
Initial	E	1557	0.083	-0.5	0.082	-1.0

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

 $Z\ score\ is\ your\ reported\ analytical\ result\ compared\ to\ the\ mean\ in\ terms\ of\ the\ standard\ deviation,\ calculated\ as\ (Result-Mean)/StdDev.$ 

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.

#### BLOOD ALCOHOL PROFICIENCY INITIAL TEST OUTCOME REPORT

Proficiency Cycle 20C1 Receive Results By: 6/5/2020 Participation Number 15180 Method GC

Analyst Name RCMP Forensic Laboratory- Edmonton (Kit#2)

Your 20C1 proficiency test outcome is: Satisfactory

#### **Evaluation Procedure**

<u>First iteration:</u> For each level, the qualified results reported by participating analysts and reference labs are pooled, the mean, standard deviatior and acceptable range are calculated using truncation, and results outside the acceptable range are excluded from the second iteration.

<u>Second iteration:</u> The mean, standard deviation and acceptable range are recalculated using truncation, every analyst's qualified results are compared to the recalculated acceptable range, and every analyst is assigned an outcome for the proficiency cycle. All analysts wit Results Outside Acceptable Range receive retest samples. The retest results are compared to the acceptable range established by the initial test and the retested analyst's outcome for the proficiency cycle is assigned based on the second comparison.

Type Test	Level ID	Vial Number	Results #1 Reported (g/dL)	#1 Z Score	Results #2 Reported (g/dL)	#2 Z Score
Initial	Α	1103	0.209	-0.3	0.210	0.0
Initial	В	1246	0.106	0.0	0.107	0.5
Initial	С	1322	0.144	0.3	0.143	0.0
Initial	D	1422	0.073	-0.5	0.073	-0.5
Initial	E	1548	0.083	-0.5	0.083	-0.5

### **Proficiency Cycle Statistics**

Level	Lower Limit	Upper Limit	Mean (Average)	Std Dev	N	Number ( 1st Iter	Out of Range 2nd Iter
A	0.201	0.219	0.210	0.003	100	1	3
В	0.100	0.112	0.106	0.002	106	3	3
С	0.134	0.152	0.143	0.003	104	1	1
D	0.068	0.080	0.074	0.002	102	2	4
E	0.078	0.090	0.084	0.002	106	2	2

Notes:

Z score is your reported analytical result compared to the mean in terms of the standard deviation, calculated as (Result-Mean)/StdDev.

The parameter n is the number of results reported which are used to calculate the second iteration mean and standard deviation.